

Linux and Mac Standalone Installation

This topic explains how to install the Eclipse-based standalone version of SOAtest, as well as Parasoft Load Test, on a Linux or Mac system.

This section include:

- [System Requirements](#)
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For details on service pack installation, see [Updating SOAtest with a Service Pack](#).



SOAtest - Virtualize Co-Installation

When Parasoft SOAtest and Parasoft Virtualize are installed on the same machine, SOAtest and Virtualize must have an identical version number. This ensures compatibility between both products.

If you are updating an existing installation (including updating from a service pack), be sure to update both products at the same time.

System Requirements

Linux

- At least 1 GB RAM (2 GB is recommended); Load Test might require more for high loads
- Java 8 or higher
- GTK+ 2.18 or higher
- GLib 2.17.6 or higher
- Pango 1.20 or higher
- X.Org 1.0 or higher
- 32-bit or 64-bit (x86_64) processors with at least 4 cores are supported
- Default font size of 8 is recommended. For example, on Ubuntu, use the following in the terminal: `gsettings set org.gnome.desktop.interface font-name 'Ubuntu 8'`

The SOAtest/Eclipse application and the system libraries must be for the same architecture. Thus, if you are using a 64-bit Linux but you are running the 32-bit (x86) version of SOAtest, you need the 32-bit version of the above libraries.

Mac

- Mac OS X 10.9 or higher
- Java 8 or higher
- Intel® Xeon® 2.0 GHz or higher with at least 2 cores recommended
- 1 GB RAM minimum; 2 GB RAM recommended

Installation

To install:

1. If you haven't already done so, copy the installation file to the directory where you would like to install SOAtest.
2. Change directories to the directory where you are going to install SOAtest.
3. Set "execute" permissions on the installer.
 - Linux: `chmod +x parasoft_soatest_9.x_linux.sh`
 - Mac: `chmod +x parasoft_soatest_9.x_macosx.sh`
4. Execute the installer, then follow the onscreen instructions to complete the installation.
 - Linux: `./parasoft_soatest_9.x_linux.sh`
 - Mac: `./parasoft_soatest__9.x_macosx.sh`

A directory under `parasoft/soatest/9.x` (Linux) or `soatest/9.x/ParasoftSOAtest.app/Contents/ParasoftSOAtest` (Mac) will be created. We refer to this location as `<soatest_install_dir>` throughout this user guide. The SOAtest executable, command line interface, examples, manuals, etc. are available within this directory.



Mac Note - Accessing <soatest_install_dir> Contents

After installation is completed, an application icon will be added in Finder. This is the icon that you double-click to launch SOAtest. If you want to view the various files and folders available within <soatest_install_dir>, right-click that same icon, and choose **Show Package Contents**.

The default SOAtest workspace will be set to <user_home_dir>/parasoft/workspace. This default workspace is preselected in the Select a Workspace dialog when you first start SOAtest. If you select a different workspace, that new workspace will be preselected when you start SOAtest from that point forward. The command line interface uses the default workspace any time that you do explicitly specify a workspace from the command line (with the -data argument)—whether or not you have previously run the command line interface with another workspace.

Startup

Linux

To run SOAtest GUI:

- Change directories to the soatest/9.x directory, then enter the following command at the prompt:
`./SOAtest`

To run SOAtest Command Line:

- Change directories to the soatest/9.x directory, then enter the following command at the prompt:
`./soatetestcli`

For details on using soatetestcli, see [Testing from the Command Line Interface - soatetestcli](#).

To start Load Test:

- Change directories to the soatest/9.x directory, then enter the following command at the prompt:
`./loadtest`



Note

You must install a license before you begin using SOAtest or Load Test.

Mac Startup

To start SOAtest GUI:

- Double-click the Parasoft SOAtest icon in Finder.



Frozen Workspace Launcher?

On Eclipse 4.5 and Mac OS X 10.11, there is a known issue with the workspace launcher becoming unresponsive when SOAtest starts up. The workaround is to launch SOAtest from the command line with the -nosplash argument.

To run SOAtest Command Line:

- Change directories to the soatest/9.x/ParasoftSOAtest.app/Contents/ParasoftSOAtest directory, then enter the following command at the prompt:
`./soatetestcli`

For details on using soatetestcli, see [Testing from the Command Line Interface - soatetestcli](#).

To start Load Test GUI

- Double-click the Parasoft Load Test icon in Finder.

To run Load Test Command Line:

- Change directories to the `soatest/9.x/ParasoftLoadTest.app/Contents/MacOS` directory, then enter the following command at the prompt:
`./loadtest`

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You must install a license before you begin using Load Test or SOAtest!

See [Licensing](#) for details on configuring your license.